AMENDMENTS TO THE CLAIMS

The following Listing of Claims replaces all previous listings of claims.

Listing of Claims:

1-3. (Canceled)

4. (Currently Amended) A method for obtaining weight loss in humans by administering to a human suffering from overweight a first member selected from a group consisting of caffeine and theophylline; and a second member selected from a group consisting of: (a) adenosine and inorganic phosphate; (b) adenosine 5'-monophosphate; and (c) adenosine 5'-triphosphate, wherein the amount of adenosine and inorganic phosphate, adenosine 5'-monophosphate or adenosine 5'-triphosphate is about ~~0.05-500~~.1-100 milligrams/kg of body weight per 24 hours and said administering is oral or ~~sublingual~~sublingual, whereby weight loss is caused by administering the first member and the second member.

5. (Currently Amended) A method for obtaining weight loss in humans ~~by~~ consisting of administering to a human suffering from overweight a first member selected from a group consisting of caffeine and theophylline; and a second member selected from a group consisting of: (a) adenosine and inorganic phosphate; (b) adenosine 5'-monophosphate; and (c) adenosine 5'-triphosphate, wherein the amount of adenosine and inorganic phosphate, adenosine 5'-monophosphate or adenosine 5'-triphosphate is about ~~0.05-500~~.1-100 milligrams/kg of body weight per 24 hours and administering is ~~topical~~topical, whereby weight loss is caused by administering the first member and the second member.

6. (Currently Amended) A method for obtaining weight loss in humans ~~by~~ consisting of administering to a human suffering from overweight a first member selected from a group consisting of caffeine and theophylline; and a second member selected from a group consisting of: (a) adenosine and inorganic phosphate; (b) adenosine 5'-monophosphate; and (c) adenosine 5'-triphosphate, wherein the amount of adenosine and

inorganic phosphate, adenosine 5'-monophosphate or adenosine 5'-triphosphate is about 0.01-10 milligrams/kg of body weight per 24 hours and administering is by injection whereby weight loss is caused by administering the first member and the second member.

7. (Previously presented) The method according to claim 4 wherein the amount of said member selected from a group consisting of caffeine and theophylline is about 0.1-100 milligrams/kg of body weight per 24 hours and administering is oral or sublingual.

8. (Previously presented) The method according to claim 5 wherein the amount of said member selected from a group consisting of caffeine and theophylline is about 0.1-100 milligrams/kg of body weight per 24 hours and administering is topical.

9. (Previously presented) The method according to claim 6 wherein the amount of said member selected from a group of caffeine and theophylline is about 0.1-10 mg/kg of body weight per 24 hours and administering is by injection.

10. (Previously presented) The method according to anyone of claims 4 and 5 wherein caffeine is administered along with said member selected from a group consisting of: (a) adenosine and inorganic phosphate; (b) adenosine 5'-monophosphate; and (c) adenosine 5'-triphosphate.

11. (Previously presented) The method according to anyone of claims 4 and 5 wherein theophylline is administered along with said member selected from a group consisting of: (a) adenosine and inorganic phosphate; (b) adenosine 5'-monophosphate; and (c) adenosine 5'-triphosphate.

12. (Previously presented) The method according to anyone of claims 4 and 5 wherein said adenosine 5'-triphosphate is administered in the form of the disodium salt of adenosine 5'-triphosphate.

13. (Canceled)

14. (Currently amended) A method for maintaining weight reduction in humans ~~by~~ consisting of administering to a human in need ~~of~~ thereof a first member selected from a group consisting of caffeine and theophylline; and a second member selected from a group consisting of: (a) adenosine and inorganic phosphate; (b) adenosine 5'-monophosphate; and (c) adenosine 5'-triphosphate, wherein the amount of adenosine and inorganic phosphate, adenosine 5'-monophosphate or adenosine 5'-triphosphate is about ~~0.05-500~~0.1-100 milligrams/kg of body weight per 24 hours and said administering is oral or sublingual,
whereby weight reduction is maintained by administering the first member and the second member.

15. (Currently amended) A method for maintaining weight reduction in humans ~~by~~ consisting of administering to a human in need ~~of~~ thereof a first member selected from a group consisting of caffeine and theophylline; and a second member selected from a group consisting of: (a) adenosine and inorganic phosphate; (b) adenosine 5'-monophosphate; and (c) adenosine 5'-triphosphate, wherein the amount of adenosine and inorganic phosphate, adenosine 5'-monophosphate or adenosine 5'-triphosphate is about ~~0.05-500~~0.1-100 milligrams/kg of body weight per 24 hours and administering is topical, whereby weight reduction is maintained by administering the first member and the second member.

16. (Currently Amended) A method for maintaining weight reduction in humans ~~by~~ consisting of administering to a human in need ~~of~~ thereof a first member selected from a group consisting of caffeine and theophylline; and a second member selected from a group consisting of: (a) adenosine and inorganic phosphate; (b) adenosine 5'-monophosphate; and (c) adenosine 5'-triphosphate, wherein the amount of adenosine and inorganic phosphate, adenosine 5'-monophosphate or adenosine 5'-triphosphate is about 0.01-10 milligrams/kg of body weight per 24 hours and administering is by injection,

whereby weight reduction is maintained by administering the first member and the second member.